

SEQUENCE LISTING

<110> Fallon, Justin
McKechnie, Beth
Rafii, Michael
Creely, Helliary
Bowe, Mark
Ferri, Raymond

<120> Biglycan and Related Therapeutics and Methods of Use

<130> BUV-006.01

<150> 60/166,253

<151> 1999-11-18

<160> 2

<170> PatentIn version 3.0

<210> 7

<211> 1685

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (121)..(1227)

<400> 7

gagtagctgc ttctcggtccg ccggacacac cggacagata gacgtgcgga cggcccacca
60

ccccagcccc ccaactagtc agcctgcgcc tggcgctcc cctctccagg tccatccgcc
120

atg tgg ccc ctg tgg cgc ctc gtg tct ctg ctg gcc ctg agc cag gcc
168

Met Trp Pro Leu Trp Arg Leu Val Ser Leu Leu Ala Leu Ser Gln Ala

1

5

10

15

ctg ccc ttt gag cag aga ggc ttc tgg gac ttc acc ctg gac gat ggg
216

Leu Pro Phe Glu Gln Arg Gly Phe Trp Asp Phe Thr Leu Asp Asp Gly

20

25

30

09745836-11400

00477-93257260

cca ttc atg atg aac gat gag gaa gct tcg ggc gct gac acc tca ggc
264

Pro Phe Met Met Asn Asp Glu Glu Ala Ser Gly Ala Asp Thr Ser Gly

35

40

45

gtc ctg gac ccg gac tct gtc aca ccc acc tac agc gcc atg tgt cct
312

Val Leu Asp Pro Asp Ser Val Thr Pro Thr Tyr Ser Ala Met Cys Pro

50

55

60

ttc ggc tgc cac tgc cac ctg cgg gtg gtt cag tgc tcc gac ctg ggt
360

Phe Gly Cys His Cys His Leu Arg Val Val Gln Cys Ser Asp Leu Gly

65

70

75

80

ctg aag tct gtg ccc aaa gag atc tcc cct gac acc acg ctg ctg gac
408

Leu Lys Ser Val Pro Lys Glu Ile Ser Pro Asp Thr Thr Leu Leu Asp

85

90

95

ctg cag aac aac gac atc tcc gag ctc cgc aag gat gac ttc aag ggt
456

Leu Gln Asn Asn Asp Ile Ser Glu Leu Arg Lys Asp Asp Phe Lys Gly

100

105

110

ctc cag cac ctc tac gcc ctc gtc ctg gtg aac aac aag atc tcc aag
504

Leu Gln His Leu Tyr Ala Leu Val Leu Val Asn Asn Lys Ile Ser Lys

115

120

125

atc cat gag aag gcc ttc agc cca ctg cgg aag ctg cag aag ctc tac
552

Ile His Glu Lys Ala Phe Ser Pro Leu Arg Lys Leu Gln Lys Leu Tyr

245

250

255

agg ctg ggc cta ggc cac aac cag atc agg atg atc gag aac ggg agc
 936
 Arg Leu Gly Leu Gly His Asn Gln Ile Arg Met Ile Glu Asn Gly Ser

260

265

270

ctg agc ttc ctg ccc acc ctc cgg gag ctc cac ttg gac aac aac aag
 984
 Leu Ser Phe Leu Pro Thr Leu Arg Glu Leu His Leu Asp Asn Asn Lys

275

280

285

ttg gcc agg gtg ccc tca ggg ctc cca gac ctc aag ctc ctc cag gtg
 1032
 Leu Ala Arg Val Pro Ser Gly Leu Pro Asp Leu Lys Leu Leu Gln Val

290

295

300

gtc tat ctg cac tcc aac aac atc acc aaa gtg ggt gtc aac gac ttc
 1080
 Val Tyr Leu His Ser Asn Asn Ile Thr Lys Val Gly Val Asn Asp Phe

305

310

315

320

tgt ccc atg ggc ttc ggg gtg aag cgg gcc tac tac aac ggc atc agc
 1128
 Cys Pro Met Gly Phe Gly Val Lys Arg Ala Tyr Tyr Asn Gly Ile Ser

325

330

335

ctc ttc aac aac ccc gtg ccc tac tgg gag gtg cag ccg gcc act ttc
 1176
 Leu Phe Asn Asn Pro Val Pro Tyr Trp Glu Val Gln Pro Ala Thr Phe

340

345

350

cgc tgc gtc act gac cgc ctg gcc atc cag ttt ggc aac tac aaa aag
 1224

DDTTTGGGGTGGG

Arg Cys Val Thr Asp Arg Leu Ala Ile Gln Phe Gly Asn Tyr Lys Lys

355

360

365

tag aggcagctgc agccaccgcg gggcctcagt gggggtctct ggggaacaca
1277

gccagacatc ctgatgggga ggcagagcca ggaagctaag ccagggccca gctgcgtcca
1337

accagcccc ccacctcagg tccctgacct cagctcgatg ccccatcacc gcctctccct
1397

ggctcccaag ggtgcagggtg ggcgcaaggc ccggccccca tcacatgttc ccttggcctc
1457

agagctgccc ctgctctccc accacagcca cccagaggca ccccatgaag cttttttctc
1517

gttcaactccc aaacccaagt gtccaaagct ccagtcctag gagaacagtc cctggggtcag
1577

cagccaggag gcggtccata agaatgggga cagtgggctc tgccagggtt gccgcacctg
1637

tccagaacaa catgttctgt tctcctcct catgcatttc cagccttg
1685

<210> 9
<211> 368
<212> PRT
<213> Homo sapiens

<400> 9

Met Trp Pro Leu Trp Arg Leu Val Ser Leu Leu Ala Leu Ser Gln Ala
1 5 10 15

Leu Pro Phe Glu Gln Arg Gly Phe Trp Asp Phe Thr Leu Asp Asp Gly
20 25 30

Pro Phe Met Met Asn Asp Glu Glu Ala Ser Gly Ala Asp Thr Ser Gly
35 40 45

Ile Gln Ala Ile Glu Leu Glu Asp Leu Leu Arg Tyr Ser Lys Leu Tyr
245 250 255

Arg Leu Gly Leu Gly His Asn Gln Ile Arg Met Ile Glu Asn Gly Ser
260 265 270

Leu Ser Phe Leu Pro Thr Leu Arg Glu Leu His Leu Asp Asn Asn Lys
275 280 285

Leu Ala Arg Val Pro Ser Gly Leu Pro Asp Leu Lys Leu Leu Gln Val
290 295 300

Val Tyr Leu His Ser Asn Asn Ile Thr Lys Val Gly Val Asn Asp Phe
305 310 315 320

Cys Pro Met Gly Phe Gly Val Lys Arg Ala Tyr Tyr Asn Gly Ile Ser
325 330 335

Leu Phe Asn Asn Pro Val Pro Tyr Trp Glu Val Gln Pro Ala Thr Phe
340 345 350

Arg Cys Val Thr Asp Arg Leu Ala Ile Gln Phe Gly Asn Tyr Lys Lys
355 360 365

00477-98851260